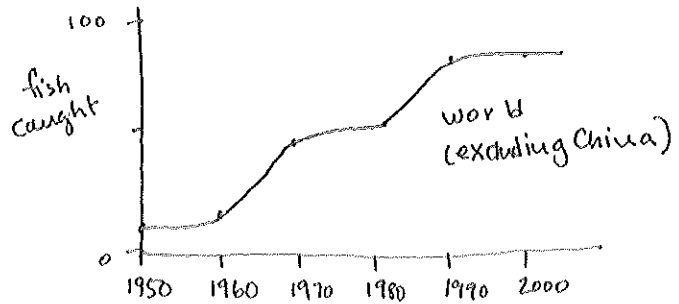


More on Fishing / Aquatic Food Production

* If we continue fishing as we currently are → all ocean spp. will collapse by 2048

* FAO says 70% of world's fisheries are fully exploited.

* Demand for fish is high - But not enough fish to meet this demand.



* we've been depleting ocean spp. for centuries

* caused extinction of many spp - ex. grey whales, groundfish

Ecological Importance Examples:

- overharvesting of oysters in Chesapeake Bay (US) → oysters don't filter H_2O → Eutrophication of H_2O → Hypoxia (No O_2)
- overharvesting of green sea turtle → Sea grasses not eaten by turtles → Lots of sea grass → Sea Grass Waste Disease

Biggest issue is Tragedy of the Commons

There is a common shared resource (ex. fisheries, forest, arable land) individuals take as much as they can → often overexploit the resource

* Solution → Regulation, legislation

FISH

90 million tons/yr
- 20 million from aquaculture

1/2 fish meal & fish oil products to feed animals

20 million tons are **bycatch** - unwanted fish that are thrown back.

Humans eat Yum!!